

TRANSMISSION MECHANISM FOR DRIVING FOUR WHEELS

Abstract of the Disclosure

A transmission mechanism of an automotive vehicle for driving four wheels is disclosed, which substantially comprises a driving power input shaft on which driving power input gears and at least one of slidable engaging members are mounted, two differential mechanisms, two core shafts, a slidable engaging member for coaxially connecting two core shafts, two gears, two gear shafts for driving corresponding wheel decelerators, two connecting members for driving corresponding wheel decelerators. The performance of the automotive vehicle equipped with the transmission mechanism of the invention can be improved.

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